

Fig. 1

SEQ ID NO: 1

GGCGCTGAAGATCGGGGCCGCTCGGCCGCAGGCCGCTCCAGCGCCGC  
GGGATGTAGCGCGGGGGACCGCGGCCCCCAGCAGAGCCCGCTGCCCCG  
GCTTGTCTACCATCAGAGGGAGATCTCTGCCCCCTGGGGCTGAGAGAC  
CCCAACCTTTCCCCAAGCTGAAGCTGCAGGGTATTGAGGTACCAGCCA  
GATGTCTTCCCACAAAGGATCTGTGGTGGCACAGGGGAATGGGGCTCC  
TGCCAGTAACAGGGAAGCTGACACGGTGGAACTGGCTGAACTGGGACC  
CCTGCTAGAAGAGAAGGGCAAACGGGTAATCGCCAACCCACCCAAAGC  
TGAAGAAGAGCAAACATGCCAGTGCCCCAGGAAGAAGAGGAGGAGGT  
GCGGGTACTGACACTTCCCCTGCAAGCCCACCACGCCATGGAGAAGAT  
GGAAGAGTTTGTGTACAAGGTCTGGGAGGGACGTTGGAGGGTCATCCC  
ATATGATGTGCTCCCTGACTGGCTAAAGGACAACGACTATCTGCTACA  
TGGTCATAGACCTCCCATGCCCTCCTTTCGGGCTTGCTTCAAGAGCAT  
CTTCCGCATTCATACAGAACTGGCAACATCTGGACCCATCTGCTTGG  
TTTCGTGCTGTTTCTCTTTTTGGGAATCTTGACCATGCTCAGACCAA  
TATGTACTTCATGGCCCCTCTACAGGAGAAGGTGGTTTTTGGGATGTT  
CTTTTTGGGTGCAGTGCTCTGCCTCAGCTTCTCCTGGCTCTTTTACAC  
CGTCTATTGTCAATCAGAGAAAGTCTCTCGGACTTTTTCCAACTGGA  
CTATTACAGGGATTGCTCTTCTAATTATGGGGAGCTTTGTCCCCTGGCT  
CTATTATTCTTCTACTGCTCCCCACAGCCACGGCTCATCTACCTCTC  
CATCGTCTGTGTCCTGGGCATTTCTGCCATCATTGTGGCGCAGTGGGA  
CCGGTTTGCCACTCCTAAGCACCGGCAGACAAGAGCAGGCGTGTTCTT  
GGGACTTGGCTTGAGTGGCGTCTGCCCCACCATGCACTTTACTATCGC  
TGAGGGCTTTGTCAAGGCCACCACAGTGGGCCAGATGGGCTGGTTCTT  
CCTCATGGCTGTGATGTACATCACTGGAGCTGGCCTTTATGCTGCTCG  
AATTCCTGAGCGCTTCTTTCCTGGAAAATTTGACATATGGTTCCAGTC  
TCATCAGATTTTCCATGTCCTGGTGGTGGCAGCAGCCTTTGTCCACTT  
CTATGGAGTCTCCAACCTTCAGGAATTCGGTTACGGCCTAGAAGGCGG  
CTGTACTGATGACACCCTTCTCTGAGCCTTCCCACCTGCGGGGTGGAG  
GAGGAACCTCCCAAGTGCTTTTAAAAATAACTTCTTTGCTGAAGTGAG  
AGGAAGAGTCTGAGTTGTCTGTTTCTAGAAGAAACCTCTTAGAGAATT  
CAGTACCAACCAAGCTTCAGCCCACTTTCACACCCACTGGGCAATAAA  
CTTTCCATTTCCATTCTCCTAGCTGGGGATGGGGCATGGTCAAACCTTA  
GCCATCCCCTCCTCAGCAAGGCATCTACCGGCCCCCTCACAGAGACAGT  
ACTTTGAAACTCATGTTGAGATTTTACCCTCTCCTCCAACCATTTTGG  
GAAAATTATGGACTGGGACTCTTCAGAAATTCTGTCTTTTCTTCTGGA  
AGAAAATGTCCCTCCCTTACCCCCATCCTTAACTTTGTATCCTGGCTT  
ATAACAGGCCATCCATTTTTGTAGCACACTTTTCAAAAACAATTATAT  
ACCCTGGTCCCCTCTTTCTAGGGCCTGGATCTGCTTATAGAGCAGGAA  
GAATAAAGCCACCAACTTTTACCTAGCCCGGCTAATCATGGAAGTGTG  
TCCAGGCTTCAAGTAACTTGAGTTTTTAATTTTTTTTTTTCTTGGCAG  
AGTAATGTAAAATTTAAATGGGGAAAGATATTTAATATTTAATACTAA

**Fig. 1** (continued)

GCTTTAAAAAGAAACCTGCTATCATTGCTATGTATCTTGATGCAAAGA  
CTATGATGTTAATAAAAGAAAGTACAGAAGAGACTTGGCATTCAAAGA  
TTTCAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

**Fig. 2**

SEQ ID NO: 2

MSSHKGSVVAQGNGAPASNREADTVELAE LGPLLEEKGKRVIANPPKA  
EEEQTCVPVPQEEEEEEVRVLTLP LQAHHAMEKMEEFVYK VWEGRWRVIP  
YDVLDPDWLKDNDYLLHGH RPPMP SFRACFKSIFRIHTETGNIWTHLLG  
FVLFLFLGILTMLRPNMYFMAPLQEKVVFGMFFLGAVLCLSF SWLFHT  
VYCHSEKVSRTFSKLDYSGIALLIMGSFVPWLYYSFYCSPQPRLIYLS  
IVCVLGISAIIVAQWDRFATPKHRQTRAGVFLGLGLSGVVPTMHFTIA  
EGFVKATTVGQMGWFFLMAV MYITGAGLYAARI PERFFPGKFDIWFQS  
HQIFHVLVVAAAFVHFYGVSNLQEFYRGLEGGCTDDTLL

**Fig. 3**

SEQ ID NO: 3

5'-GAGAAGGGCAAACGGGTAA-3'

**Fig. 4**

SEQ ID NO: 4

5'-CTCTTCTTCCTGGGGCACT-3'

**Fig. 5**

SEQ ID NO: 5

5'-CCCACCCAAAGCTGAAGAAGAGCA-3'